# **RAW SEQUENCE LISTING**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	_10/698.31/A
Source:	1FW/6
Date Processed by STIC:	9/26/05

# ENTERED



### IFW16

RAW SEQUENCE LISTING DATE: 09/26/2005 PATENT APPLICATION: US/10/698,311A TIME: 11:00:05 Input Set : D:\04-372 (400.137) SeqList.txt Output Set: N:\CRF4\09262005\J698311A.raw 3 <110> APPLICANT: Sirna Therapeutics, Inc. McSwiggen, James 4 5 Haeberli, Peter Chowrira, Bharat 8 <120> TITLE OF INVENTION: RNA Interference Mediated Treatment of Parkinson Disease Using Short Interfering Nucleic Acid (siNA) 11 <130> FILE REFERENCE: 04-372 (400/137) 13 <140> CURRENT APPLICATION NUMBER: US 10/698,311A 14 <141> CURRENT FILING DATE: 2003-10-31 16 <150> PRIOR APPLICATION NUMBER: PCT/US03/05028 17 <151> PRIOR FILING DATE: 2003-02-20 19 <150> PRIOR APPLICATION NUMBER: US 60/358,580 20 <151> PRIOR FILING DATE: 2002-02-20 22 <150> PRIOR APPLICATION NUMBER: US 60/363,124 23 <151> PRIOR FILING DATE: 2002-03-11 25 <150> PRIOR APPLICATION NUMBER: US 60/386,782 26 <151> PRIOR FILING DATE: 2002-06-06 28 <150> PRIOR APPLICATION NUMBER: US 60/393,796 29 <151> PRIOR FILING DATE: 2002-07-03 31 <150> PRIOR APPLICATION NUMBER: 60/399,348 32 <151> PRIOR FILING DATE: 2002-07-29 34 <150> PRIOR APPLICATION NUMBER: US 60/406,784 35 <151> PRIOR FILING DATE: 2002-08-29 37 <150> PRIOR APPLICATION NUMBER: US 60/408,378 38 <151> PRIOR FILING DATE: 2002-09-05 40 <150> PRIOR APPLICATION NUMBER: US 60/409,293 41 <151> PRIOR FILING DATE: 2002-09-09 43 <150> PRIOR APPLICATION NUMBER: US 60/440,129 44 <151> PRIOR FILING DATE: 2003-01-15 46 <160> NUMBER OF SEQ ID NOS: 311 48 <170> SOFTWARE: PatentIn version 3.2 50 <210> SEQ ID NO: 1 51 <211> LENGTH: 19 52 <212> TYPE: RNA 53 <213> ORGANISM: Artificial Sequence 55 <220> FEATURE: 56 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic 57 region 59 <400> SEQUENCE: 1 60 aguggccauu cgacgacag 19 63 <210> SEQ ID NO: 2 64 <211> LENGTH: 19

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PATENT APPLICATION: US/10/698,311A TIME: 11:00:05

Input Set : D:\04-372 (400.137)\_SeqList.txt
Output Set: N:\CRF4\09262005\J698311A.raw

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Input Set : D:\04-372 (400.137)\_SeqList.txt
Output Set: N:\CRF4\09262005\J698311A.raw

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Input Set : D:\04-372 (400.137)\_SeqList.txt
Output Set: N:\CRF4\09262005\J698311A.raw

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/26/2005 PATENT APPLICATION: US/10/698,311A TIME: 11:00:06

Input Set : D:\04-372 (400.137)\_SeqList.txt
Output Set: N:\CRF4\09262005\J698311A.raw

#### Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:253; N Pos. 20,21
Seg#:254; N Pos. 20,21
Seq#:255; N Pos. 20,21
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Seq#:257; N Pos. 20,21
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Seq#:261; N Pos. 20,21
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Seq#:264; N Pos. 20,21
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Seq#:267; N Pos. 20,21
Seq#:268; N Pos. 20,21
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Seq#:270; N Pos. 20,21
Seq#:271; N Pos. 20,21
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Seq#:273; N Pos. 20,21
Seq#:274; N Pos. 20,21
Seq#:275; N Pos. 20,21
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Seq#:288; N Pos. 20,21
Seq#:289; N Pos. 20,21
Seq#:290; N Pos. 20,21
Seg#:291; N Pos. 20,21
Seq#:292; N Pos. 20,21
Seq\#:293; \ N \ Pos. \ 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
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Seq#:295; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:296; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/26/2005 PATENT APPLICATION: US/10/698,311A TIME: 11:00:06

Input Set: D:\04-372 (400.137)\_SeqList.txt
Output Set: N:\CRF4\09262005\J698311A.raw

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Seq#:299; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:300; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:301; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:302; N Pos. 20,21
Seq#:303; N Pos. 20,21

## Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:253

# VERIFICATION SUMMARY PATENT APPLICATION: US/10/698,311A DATE: 09/26/2005 TIME: 11:00:06

Input Set: D:\04-372 (400.137)\_SeqList.txt
Output Set: N:\CRF4\09262005\J698311A.raw

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L:3104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:253 after pos.:0
L:3123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:254 after pos.:0
L:3141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:255 after pos.:0
L:3159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:256 after pos.:0
L:3177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:257 after pos.:0
L:3195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:258 after pos.:0
L:3213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259 after pos.:0
L:3231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:260 after pos.:0
L:3289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:261 after pos.:0
L:3327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:262 after pos.:0
L:3380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:0
L:3433 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:264 after pos.:0
L:3482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:0
L:3520 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:266 after pos.:0
L:3569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:267 after pos.:0
L:3612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:268 after pos.:0
L:3695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:269 after pos.:0
L:3754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270 after pos.:0
L:3832 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:271 after pos.:0
L:3905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:0
L:3984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273 after pos.:0
L:4032 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:274 after pos.:0
L:4105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:275 after pos.:0
L:4173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:276 after pos.:0
L:4231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:277 after pos.:0
L:4284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:278 after pos.:0
L:4362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:279 after pos.:0
L:4440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280 after pos.:0
L:4519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281 after pos.:0
L:4567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:282 after pos.:0
L:4640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:283 after pos.:0
L:4703 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:0
L:4731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:285 after pos.:0
L:4759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:286 after pos.:0
L:4787 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:0
L:4815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:288 after pos.:0
L:4838 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289 after pos.:0
L:4861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:0
L:4884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:291 after pos.:0
L:4908 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:0
L:4935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:293 after pos.:0
L:4962 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294 after pos.:0
L:4990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:295 after pos.:0
L:5024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:296 after pos.:0
L:5057 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:297 after pos.:0
L:5090 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:298 after pos.:0
L:5123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:299 after pos.:0
L:5156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:300 after pos.:0
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## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/698,311A

DATE: 09/26/2005 TIME: 11:00:06

Input Set : D:\04-372 (400.137)\_SeqList.txt
Output Set: N:\CRF4\09262005\J698311A.raw

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